**Revision history**

0.1 | 15.05.2024 | Mustermann, Maxermann | Initial Draft

**Authors**

The following individuals have contributed to the content of this document.

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**Glossary**

Procrastination Brigade Members | PBM | People that love procrastinating. | PowerSolutionAtelier | |

**1. Introduction**

**Description:**

* As a PowerSolutionAtelier user, I want to be able to delete the whole application data.
* As a PowerSolutionAtelier, I want to be able to delete all other users except myself.

**Business Background:**

Application data and users cannot be removed currently. The longer the application exists, the more data is stored in the database. With that, also the obsolete data increases which reduces data quality. Therefore, every user except IT Admins should have the possibility to perform cleanup of the data. In this user story, every user will be enabled to perform the cleanup by deleting the whole application and user data from the database. This not just drastically increases data quality up to 100%, it also reduces costs by reducing required storage space of the PowerSolutionAtelier application down to almost zero.

**Business Process Description:**

This user story enables the removal of PowerSolutionAtelier application and user data, by providing the cleanup option in the PowerSolutionAtelier application itself. The cleanup of data can be performed anytime by any user, except IT Admins. This option will increase the quality of the contents in PowerSolutionAtelier by reducing the contents in PowerSolutionAtelier to zero and avoid cluttering the system with incorrect or obsolete data.

**System context:**

PowerSolutionAtelier

**2. Scope**

**In Scope**

* New tab providing a screen containing functionality to cleanup data for normal users.
* Pop-up notification to inform the user when the cleanup of data was successful.
* Display storage size of current PowerSolutionAtelier application and user data.
* Automatic retries when cleanup was not successful.

**Out of scope**

* Option to recover data.
* New permission for cleaning up data.
* Warnings/Confirmation Pop-ups displayed to user before executing cleanup functionality.
* Retry limit in case data cleanup fails.

**Assumptions**

* Complete cleanup of all application and user data is fine for everyone on the planet.

**Dependencies**

None

**3. Description of changes**

**Detailed changes**

**3.1 Frontend**

**3.1.1 Main screen changes**

The following changes need to be made in the PowerSolutionAtelier main screen:

* Add new tab called “Cleanup Data” for normal users.
* Hide this new tab for IT Admins or PBMs.

**3.1.2 Cleanup Data tab changes**

The following changes need to be made in the new “Cleanup Data” tab:

* Add big button in the center of the screen.
* Add following label to the button: “Cleanup Data”.
* Implement following logic:
  + When user clicks the button:
    - Call the backend functionality created in “Backend” section to start cleaning up data.
    - If cleanup was successful, display green notification stating that “Application and user data successfully cleaned up”.
    - If cleanup was not successful, call backend functionality to cleanup data again and again until it succeeds.
  + When user clicks anywhere outside the button:
    - Call the backend functionality created in “Backend” section to start cleaning up data.
    - If cleanup was successful, display green notification stating that “Application and user data successfully cleaned up”.
    - If cleanup was not successful, call backend functionality to cleanup data again and again until it succeeds.

**UI Details**

* In new tab, add standard HTML button, styling neither required nor accepted.

**3.2 Backend**

* Implement functionality to remove all existing PowerSolutionAtelier application and user data.
* Cleanup should cover every table that is present anywhere in PowerSolutionAtelier application.

**4. Acceptance Criteria**

* New tab “Cleanup Data” present.
* Button “Cleanup Data” present inside new tab.
  + Button has standard HTML style, without any adjustments.
* Cleanup functionality can be triggered by any normal user.
* Cleanup functionality can’t be triggered by IT Admins or PBMs.
* Cleanup data functionality called when user clicks the button.
  + No warnings/confirmation Pop-ups displayed to user before executing cleanup functionality.
  + Success notification displayed when cleanup successful.
  + When cleanup fails, it is retried until it succeeds.
* Cleanup data functionality called when user clicks outside the button.
  + No warnings/confirmation Pop-ups displayed to user before executing cleanup functionality.
  + Success notification displayed when cleanup successful.
  + When cleanup fails, it is retried until it succeeds.
* Cleanup removes PowerSolutionAtelier application and user data from every database table present anywhere in PowerSolutionAtelier application.
* Not data left in any database table after cleanup.
* Application does not work properly any more after cleanup due to missing important data.
* Data can’t be recovered any more after executing cleanup functionality.

**5. List of Open Points**

1. Summarize all open points and add to this specification in section 5: List of Open Points.

**6. Test Data**

Any, will be cleaned up anyway.